

# Dried and Dehydrated Food Manufacturing: 2002

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## 2002 Economic Census

*Manufacturing*

Industry Series



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U.S. Department of Commerce  
Economics and Statistics Administration  
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-- Not applicable for this report.

**Table 1. Historical Statistics for the Industry: 2002 and Earlier Years**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)					
311423, Dried and dehydrated food manufacturing .....	2002..	147	181	15 434	494 989	12 705	24 063	342 131	2 971 570	2 316 594	5 254 486	'221 449
	2001..	N	N	13 369	366 117	11 465	23 527	255 836	1 677 511	2 041 698	3 740 101	130 282
	2000..	N	N	12 498	368 562	10 591	22 174	251 786	1 483 773	1 800 382	3 354 473	151 964
	1999..	N	N	12 912	376 325	10 692	22 721	255 541	1 629 457	1 752 653	3 353 193	160 271
	1998..	N	N	12 725	361 725	10 505	20 853	241 980	1 287 373	1 612 872	2 949 198	151 679
	1997..	125	155	14 615	379 623	11 832	22 930	252 903	358 171	1 709 510	3 074 105	147 597

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

<sup>2</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States: 2002**

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	All establishments <sup>2</sup>			All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
	E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
<b>311423, Dried and dehydrated food manufacturing</b>												
United States .....	1	181	97	15 434	494 989	12 705	24 063	342 131	2 971 570	2 316 594	5 254 486	1221 449
California .....	2	67	40	6 800	222 664	5 511	10 137	148 428	1 265 833	1 175 810	2 393 175	102 079
Idaho .....	1	12	9	2 210	49 379	1 995	3 755	38 137	250 913	156 477	404 941	13 208
Illinois .....	3	9	4	1 469	35 644	1 225	2 283	22 745	153 013	162 644	317 288	4 217
Michigan .....	3	3	3	287	7 063	234	269	5 114	14 318	55 762	70 328	2 706
New York .....	2	5	2	124	4 627	94	205	2 901	14 861	11 542	24 796	745
Texas .....	1	6	2	273	9 781	205	361	5 032	27 953	82 371	109 478	1 427

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>311423, Dried and dehydrated food manufacturing</b>	
Companies <sup>1</sup> .....	number.. 147
All establishments <sup>2</sup> .....	number.. 181
Establishments with 1 to 19 employees .....	number.. 84
Establishments with 20 to 99 employees .....	number.. 55
Establishments with 100 employees or more .....	number.. 42
All employees <sup>3</sup> .....	number.. 15 434
Total compensation .....	\$1,000.. 646 705
Annual payroll .....	\$1,000.. 494 989
Total fringe benefits .....	\$1,000.. 151 716
Production workers, average for year .....	number.. 12 705
Production workers on March 12 .....	number.. 12 218
Production workers on May 12 .....	number.. 12 480
Production workers on August 12 .....	number.. 13 519
Production workers on November 12 .....	number.. 12 584
Production worker hours .....	1,000.. 24 063
Production worker wages .....	\$1,000.. 342 131
Total cost of materials .....	\$1,000.. 2 316 594
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 1 907 116
Resales .....	\$1,000.. 271 353
Purchased fuels .....	\$1,000.. 78 503
Purchased electricity .....	\$1,000.. 47 403
Contract work .....	\$1,000.. 12 219
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 732 804
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. 3 480
Total value of shipments .....	\$1,000.. 5 254 486
Primary products value of shipments .....	\$1,000.. 4 190 756
Secondary products value of shipments .....	\$1,000.. 674 285
Total miscellaneous receipts .....	\$1,000.. 389 445
Value of resales .....	\$1,000.. 362 004
Contract receipts .....	\$1,000.. 25 115
Other miscellaneous receipts .....	\$1,000.. 2 326
Primary products specialization ratio .....	percent.. 86
Value of primary products shipments made in all industries .....	\$1,000.. 4 525 062
Value of primary products shipments made in this industry .....	\$1,000.. 4 190 756
Value of primary products shipments made in other industries .....	\$1,000.. 334 306
Coverage ratio .....	percent.. 93
Value added .....	\$1,000.. 2 971 570
Total inventories, beginning of year .....	\$1,000.. 827 079
Finished goods inventories .....	\$1,000.. 518 958
Work-in-process inventories .....	\$1,000.. 149 254
Materials and supplies inventories .....	\$1,000.. 158 867
Total inventories, end of year .....	\$1,000.. 874 978
Finished goods inventories .....	\$1,000.. 451 202
Work-in-process inventories .....	\$1,000.. 250 688
Materials and supplies inventories .....	\$1,000.. 173 088
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. '2 059 890
Total capital expenditures (new and used) .....	\$1,000.. '221 449
Buildings and other structures (new and used) .....	\$1,000.. '30 530
Machinery and equipment (new and used) .....	\$1,000.. '190 919
Automobiles, trucks, etc., for highway use .....	\$1,000.. '2 082
Computers and peripheral data processing equipment .....	\$1,000.. '24 477
All other expenditures for machinery and equipment .....	\$1,000.. '164 360
Total retirements .....	\$1,000.. '109 743
Gross value of depreciable assets at end of year .....	\$1,000.. '2 171 596
Depreciation charges during year .....	\$1,000.. '161 323
Total rental payments .....	\$1,000.. 30 334
Buildings and other structures .....	\$1,000.. 16 427
Machinery and equipment .....	\$1,000.. 13 907
Total other expenses <sup>4</sup> .....	\$1,000.. 334 398
Response coverage ratio <sup>5</sup> .....	percent.. 81
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 43 951
Communications services <sup>4</sup> .....	\$1,000.. 2 455
Legal services <sup>4</sup> .....	\$1,000.. 2 137
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 1 406
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 11 693
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 2 683
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 8 474
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. 3 449
Taxes and license fees <sup>4</sup> .....	\$1,000.. 13 478
All other expenses <sup>4</sup> .....	\$1,000.. 244 672

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Based on Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
311423, Dried and dehydrated food manufacturing											
All establishments .....	1	181	15 434	494 989	12 705	24 063	342 131	2 971 570	2 316 594	5 254 486	'221 449
Establishments with—											
1 to 4 employees .....	9	34	71	2 090	55	106	1 441	7 103	8 206	15 309	'609
5 to 9 employees .....	9	22	147	4 735	126	258	3 443	17 104	19 545	36 670	'1 067
10 to 19 employees .....	6	28	389	11 040	336	686	8 327	21 277	71 915	102 461	'3 713
20 to 49 employees .....	3	30	965	28 183	772	1 430	19 302	120 905	95 040	217 483	'7 592
50 to 99 employees .....	1	25	1 853	57 412	1 513	3 031	38 995	416 536	490 302	910 179	'9 407
100 to 249 employees .....	2	26	4 402	145 228	3 481	6 682	93 219	680 823	680 749	1 347 987	'45 960
250 to 499 employees .....	—	11	4 164	111 358	3 726	6 452	88 895	421 415	367 718	833 554	'63 853
500 to 999 employees .....	1	5	3 443	134 943	2 696	5 418	88 509	1 286 407	583 119	1 790 843	'89 248
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>4</sup> .....	9	55	470	15 041	396	809	10 830	55 268	64 063	119 331	'3 482

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Primary Product Class Specialization: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments <sup>1</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
311423	Dried and dehydrated food manufacturing .....	181	15 434	494 989	12 705	24 063	342 131	2 971 570	2 316 594	5 254 486	'221 449
3114231	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon .....	15	2 641	91 397	2 116	4 306	60 393	530 771	609 449	1 149 775	'74 321
3114235	Dried and dehydrated fruits and vegetables, including freeze-dried ..	61	i	D	D	D	D	D	D	D	'117 713
3114237	Macaroni and noodle products, purchased, packaged with other ingredients mitse, except canned or frozen .....	5	f	D	D	D	D	D	D	D	'66
3114238	Other purchased products packaged with dried and dehydrated ingredients mitse .....	7	836	25 181	664	1 506	15 324	147 347	84 275	232 476	6 198

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311423	Dried and dehydrated food manufacturing .....	2002.. N 1997.. N	X X	X X	4 525 062 3 225 732
3114231	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon .....	2002.. N 1997.. N	X X	X X	1 074 258 718 921
31142311	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon .....	2002.. N 1997.. N	X X	X X	905 394 D
3114231113	Soup mixes (including oriental, dried and dehydrated, and freeze-dried), except packaged with purchased dehydrated ingredients .....	mil lb. 2002.. 7 1997.. N	X X	S N	515 043 N
3114231115	Soup mixes, packaged with purchased dehydrated ingredients .....	mil lb. 2002.. 7 1997.. N	X X	S N	326 437 N
3114231121	Bouillon .....	mil lb. 2002.. 11 1997.. 3	X X	S D	63 914 D
3114231Y	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon, nsk .....	2002.. N 1997.. N	X X	X X	168 864 D
3114231YVV	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon, nsk .....	2002.. N 1997.. N	X X	X X	168 864 D
3114235	Dried and dehydrated fruits and vegetables, including freeze-dried .....	2002.. N 1997.. N	X X	X X	2 453 695 N
31142351	Dried and dehydrated fruits and vegetables, including freeze-dried .....	2002.. N 1997.. N	X X	X X	2 055 579 N
3114235111	Raisins, dried and dehydrated .....	mil lb. 2002.. 5 1997.. N	X X	S N	237 119 N
3114235121	Prunes, dried and dehydrated .....	mil lb. 2002.. 6 1997.. N	X X	D N	D N
3114235131	Apples, dried and dehydrated .....	mil lb. 2002.. 6 1997.. N	X X	D N	D N
3114235143	Other dried and dehydrated fruits and fruit peels (except fruit flour), including meal and powder .....	mil lb. 2002.. 28 1997.. N	X X	S N	332 941 N
3114235151	Potatoes (except potato flour), dried and dehydrated, except packaged with other ingredients .....	mil lb. 2002.. 7 1997.. N	X X	492.6 N	402 453 N
3114235161	Onions, dried and dehydrated .....	mil lb. 2002.. 4 1997.. N	X X	230.5 N	241 758 N
3114235181	Other dried and dehydrated vegetables .....	mil lb. 2002.. 22 1997.. N	X X	S N	428 493 N
3114235Y	Dried and dehydrated fruits and vegetables, including freeze-dried, nsk .....	2002.. N 1997.. N	X X	X X	398 116 N
3114235YVV	Dried and dehydrated fruits and vegetables, including freeze-dried, nsk .....	2002.. N 1997.. N	X X	X X	398 116 N
3114237	Macaroni and noodle products, purchased, packaged with other ingredients mitse, except canned or frozen .....	2002.. N 1997.. N	X X	X X	129 457 N
31142371	Macaroni products (spaghetti, vermicelli, etc.), purchased, dry (less than 14 percent moisture), packaged with other ingredients mitse, except canned or frozen .....	2002.. N 1997.. N	X X	X X	D N
3114237100	Macaroni products (spaghetti, vermicelli, etc.), purchased, dry (less than 14 percent moisture), packaged with other ingredients mitse, except canned or frozen .....	mil lb. 2002.. 4 1997.. N	X X	D N	D N
31142372	Macaroni products (spaghetti, vermicelli, etc.), purchased, fresh (14 percent or more moisture), packaged with other ingredients mitse, except canned, frozen, or refrigerated .....	2002.. N 1997.. N	X X	X X	D N
3114237211	Macaroni products (spaghetti, vermicelli, etc.), purchased, fresh (14 percent or more moisture), packaged with other ingredients mitse, except canned, frozen, or refrigerated .....	mil lb. 2002.. 5 1997.. N	X X	26.5 N	D N
31142373	Noodle products, all shapes, sizes, and types (except Chinese), purchased, dry (less than 14 percent moisture), packaged with other ingredients mitse, except canned or frozen .....	2002.. N 1997.. N	X X	X X	1 459 N
3114237311	Noodle products, all shapes, sizes, and types (except Chinese), purchased, dry (less than 14 percent moisture), packaged with other ingredients mitse, except canned or frozen .....	mil lb. 2002.. 3 1997.. N	X X	.2 N	1 459 N
31142374	Noodle products, all shapes, sizes, and types (except Chinese), purchased, fresh (14 percent or more moisture), packaged with other ingredients mitse, except canned, frozen, or refrigerated .....	2002.. N 1997.. N	X X	X X	D N
3114237411	Noodle products, all shapes, sizes, and types (except Chinese), purchased, fresh (14 percent or more moisture), packaged with other ingredients mitse, except canned, frozen, or refrigerated .....	mil lb. 2002.. 2 1997.. N	X X	- N	D N
3114237Y	Macaroni and noodle products, purchased, packaged with other ingredients mitse, except canned or frozen, nsk .....	2002.. N 1997.. N	X X	X X	- N
3114237YVV	Macaroni and noodle products, purchased, packaged with other ingredients mitse, except canned or frozen, nsk .....	2002.. N 1997.. N	X X	X X	- N
3114238	Other purchased products packaged with dried and dehydrated ingredients mitse .....	2002.. N	X	X	382 158

See footnotes at end of table.



Table 6a. **Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311423	Dried and dehydrated food manufacturing—Con.				
3114238	Other purchased products packaged with dried and dehydrated ingredients mitse—Con.				
	1997..	N	X	X	N
31142381	Other purchased products packaged with dried and dehydrated ingredients mitse .....	2002..	N	X	380 706
	1997..	N	X	X	N
3114238111	Potatoes, purchased, dried and dehydrated, packaged with other dried and dehydrated ingredients mitse .....	mil lb.. 2002..	4	X	S 39 302
	1997..	N	X	N	N
3114238121	Head rice, purchased, packaged with dried and dehydrated ingredients mitse .....	mil lb.. 2002..	6	X	132.7 105 032
	1997..	N	X	N	N
3114238131	Other dried and dehydrated products, purchased, except pasta and dehydrated dairy mixes, packaged with dried and dehydrated ingredients mitse .....	mil lb.. 2002..	13	X	304.6 236 372
	1997..	N	X	N	N
3114238Y	Other purchased products packaged with dried and dehydrated ingredients mitse, nsk .....	2002..	N	X	1 452
	1997..	N	X	X	N
3114238YWV	Other purchased products packaged with dried and dehydrated ingredients mitse, nsk .....	2002..	N	X	1 452
	1997..	N	X	X	N
311423W	Dried and dehydrated food manufacturing, nsk, total .....	2002..	N	X	485 494
	1997..	N	X	X	86 806
311423WY	Dried and dehydrated food manufacturing, nsk, total .....	2002..	N	X	485 494
	1997..	N	X	X	86 806
311423WYWW	Dried and dehydrated food manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	392 728
	1997..	N	X	X	56 812
311423WYWY	Dried and dehydrated food manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	92 766
	1997..	N	X	X	29 994

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 6b. Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3114231	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon	
	United States ..... 2002 ..	1 074 258
	..... 1997 ..	718 921
	California ..... 2002 ..	838 969
	..... 1997 ..	341 559
3114235	Dried and dehydrated fruits and vegetables, including freeze-dried	
	United States ..... 2002 ..	2 453 695
	..... 1997 ..	N
	California ..... 2002 ..	1 161 389
	..... 1997 ..	N
	Idaho ..... 2002 ..	331 861
	..... 1997 ..	N
3114237	Macaroni and noodle products, purchased, packaged with other ingredients mitse, except canned or frozen	
	United States ..... 2002 ..	129 457
	..... 1997 ..	N
	California ..... 2002 ..	7 664
	..... 1997 ..	N
3114238	Other purchased products packaged with dried and dehydrated ingredients mitse	
	United States ..... 2002 ..	382 158
	..... 1997 ..	N
	California ..... 2002 ..	33 797
	..... 1997 ..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 7. Materials Consumed by Kind: 2002 and 1997**

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
311423	Dried and dehydrated food manufacturing		
00900001	Total materials .....2002..	X	1 907 116
	.....1997..	X	1 502 399
31121113	Wheat flour, other (including farina) ..... 1,000 cwt..2002..	D	D
	.....1997..	1 317.0	20 934
31121107	Wheat flour, semolina and durum ..... 1,000 cwt..2002..	D	D
	.....1997..	D	D
32721301	Glass containers .....2002..	X	D
	.....1997..	X	D
31100019	Fats and oils, all types, purchased ..... mil lb..2002..	62.0	21 073
	.....1997..	108.4	26 962
11100011	All other fresh vegetables (excluding cucumbers, corn, and white potatoes) ..... 1,000 s tons..2002..	711.1	134 399
	.....1997..	S	303 143
31142309	Vegetables, dried (excluding potatoes and corn) .....2002..	X	86 959
	.....1997..	X	N
11121100	White potatoes ..... 1,000 s tons..2002..	1 112.1	91 502
	.....1997..	N	N
11130001	Fresh fruits ..... 1,000 s tons..2002..	451.8	54 826
	.....1997..	247.5	54 406
31142301	Fruits, dried ..... 1,000 s tons..2002..	D	D
	.....1997..	337.1	349 377
31122101	Corn syrup ..... mil lb..2002..	D	D
	.....1997..	D	D
31131001	Sugar, cane and beet (sugar solids) ..... 1,000 s tons..2002..	5.7	3 252
	.....1997..	N	N
001900A1	Packaging paper and plastics film, coated and laminated .....2002..	X	37 445
	.....1997..	X	81 822
001900A3	Bags (plastics, foil, and coated paper) .....2002..	X	20 342
	.....1997..	X	25 215
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	117 455
	.....1997..	X	64 905
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	435 213
	.....1997..	X	485 452
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	771 222
	.....1997..	X	74 883

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.